| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|--|---|---------------------|---------|------------------|
| L1 | 14 | "6507605".pn. "6496494".pn. "6157687".pn. "6430166".pn. "6331998".pn."6229842".pn. "5659573".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 10:30 |
| L2 | 23976 | (tap coefficient\$4) near7 (constrain\$5 ("non" "not" adj2 adapt\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 13:46 |
| L3 | 42217 | lms (least adj mean adj square) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 10:39 |
| L4 | 152 | 2 same 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 10:39 |
| L5 | 59685 | (cascad\$ sequen\$5 series concatenat\$6) near4 filter\$5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 10:41 |
| L6 | 47 | 4 and 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 10:56 |
| L7 | 105 | 4 not 6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 10:56 |
| L8 | 32 | ("20020030762" "4517596" "5014232" "5157395" "5335357" "5526378" "5557560" "5559642" "5577117" "5689572" "5754437" "5872815" "5880973" "5915235" "5953431" "5974152" "6115589" "6125155" "6195414" "6210334" "6246444" "6275836" "6310566" "6321246" "6343130" "6389069" "6430671" "6438162" "6519010" "6539063" "6553121" "6668029"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 11:07 |
| L9 | 0 | ("6980592").URPN | USPAT . | OR | ON | 2007/05/03 12:33 |
| L10 | 3 | "6272173".pn. "6381085".pn. "6477200".pn. | USPAT | OR | ON | 2007/05/03 12:36 |
| L11 | 0 | *78339 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 12:36 |

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|-----|------|--|---|----|----|------------------|
| L12 | 0 | 01/78339 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 12:37 |
| L13 | 72 | "78339" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 13:04 |
| L14 | 0 | wo000178339a1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 13:10 |
| L15 | 6947 | 375/229.ccls. 375/232.ccls. 375/230. ccls. 375/345.ccls. 375/355.ccls. 375/350.ccls. 708/300.ccls. 708/322. ccls. 708/323.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | ÓR | ON | 2007/05/03 13:46 |
| L16 | 706 | (one near2 (tap coefficient\$4)) near7 (constrain\$5 ("non" "not" adj2 adapt\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 14:47 |
| L17 | 44 | 15 and 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 13:47 |
| L18 | 7 | ("20030103576" "5285474" "5461640" "5870432" "6404806" "6526105" "6674795").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 13:59 |
| L19 | 0 | ("6829296").URPN. | USPAT | OR | ON | 2007/05/03 14:25 |
| L20 | 0 | ("6829296").URPN. | USPAT | OR | ON | 2007/05/03 14:26 |
| L21 | 1431 | (one near4 (tap coefficient\$4)) near7 (constrain\$5 ("non" "not" adj2 adapt\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 14:33 |
| L22 | 725 | 21 not 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 14:33 |
| L23 | 26 | 15 and 22 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 14:43 |

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| L24 | 98 | ("5020411" "5392449" "5459761" "5526376" "5548809" "5570002" "5655217" "5970416" "5519779" "5539728" "5625888" "5697064" "5825674" "5953650" "6054846" "6131166" "6167513" "4492134" "4518267" "4546454" "4595066" "4617430" "4776548" "4796566" "4881129" "4950393" "4968204" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/05/03 14:46 |
|-----|------|--|---|------|------|------------------|
| | | "5006285" "5007696" "5192177" "5225255" "5256350" "5271039" "5285640" "5310518" "5325362" "5354089" "5360229" "5401160" "5414750" "5426641" "5444191" "5461366" "5490235" "5561853" "5563907" "5572221" "5574747" "5585736" "5594737").pn. | | | | |
| L25 | 2524 | (tap coefficient\$4) near7 (constrain\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/05/03 14:47 |
| L26 | 279 | 25.clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON . | 2007/05/03 14:47 |
| L27 | 52 | 3 and 26 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 14:48 |
| L28 | 52 | 25 and 27 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 15:24 |
| L29 | 3 | "6804695".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 15:49 |
| L30 | 0 | "2003"".""0112861".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 15:34 |
| L31 | 2 | "20030112861".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 15:34 |
| L32 | 2 | "6980592".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON . | 2007/05/03 15:49 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|--|--|---------------------|---------|------------------|
| L1 | 8565 | cascad\$4 near4 filter\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 20:30 |
| L2 | 366851 | constrain\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 20:51 |
| L3 | 86 | 1 same 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 20:37 |
| L4 | 102 | ix\$4 near4 (tap coefficient) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 20:38 |
| L5 | 13459 | fix\$4 near4 (tap coefficient) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 21:09 |
| L6 | 30 | 5 same 1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 20:40 |
| L7 | 12 | ("4027258" "4349889" "4377793" "4458362" "4628530" "4807173" "4845758" "4872184" "4888808" "4903247" "4995030" "5058047"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 20:44 |
| L8 | 15 | ("5272656").URPN. | USPAT | OR | ON | 2007/05/03 20:50 |
| L9 | 239498 | filter\$4 near5 filter\$4 | USPAT | OR | ON | 2007/05/03 20:50 |
| L10 | 553025 | filter\$4 near5 filter\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/03 21:03 |
| L11 | 2907 | 10 same 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 20:51 |
| L12 | 42217 | lms (least adj mean adj square) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 20:51 |

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|-----|--------|----------------------------------|--|------|------|------------------|
| L13 | 34 | 12 same 11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 20:51 |
| L14 | 393117 | filter near5 filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/03 21:03 |
| L15 | 1528 | 12 same 14 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON . | 2007/05/03 21:03 |
| L16 | 358 | 15 and 2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/03 21:04 |
| L17 | 30 | 15 same 2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/05/03 21:04 |
| L18 | 9876 | updat\$4 near4 (tap coefficient) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/05/03 21:04 |
| L19 | 224 | 5 same 18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR · | ON | 2007/05/03 21:04 |
| L20 | 15 | 19 and 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 21:08 |
| L21 | 2533 | 2 near7 (tap coefficient) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 21:09 |

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| | | 12 21 | LIC DCDLID | 00 | ON | 2007/05/02 24:42 |
|-----|-------|-----------------------------|---|----|----|------------------|
| L22 | 53 | 12 same 21 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 21:13 |
| L23 | 43 | equalizer same 12 same 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 21:48 |
| L24 | 6374 | read adj channel | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 21:48 |
| L25 | 5588 | 12 same (equalizer filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 22:15 |
| L26 | 3 | 24 same 25 same vga | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 21:51 |
| L27 | 2 | ("5737142" "5822143").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/05/03 21:50 |
| L28 | 0 | ("6674591").URPN. | USPAT | OR | ON | 2007/05/03 21:51 |
| L29 | 0 | ("6674591").URPN. | USPAT | OR | ON | 2007/05/03 21:51 |
| L30 | . 41 | . 24 same 25 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 21:52 |
| L31 | 51772 | gain adj amplifier | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 22:15 |
| L32 | 72 | 31 same 25 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/05/03 22:15 |

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